

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Fazle Khan, MBBS, MPH., Chief
Office of Surveillance

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) May 2002
(through week 22 ending June 1, 2002)

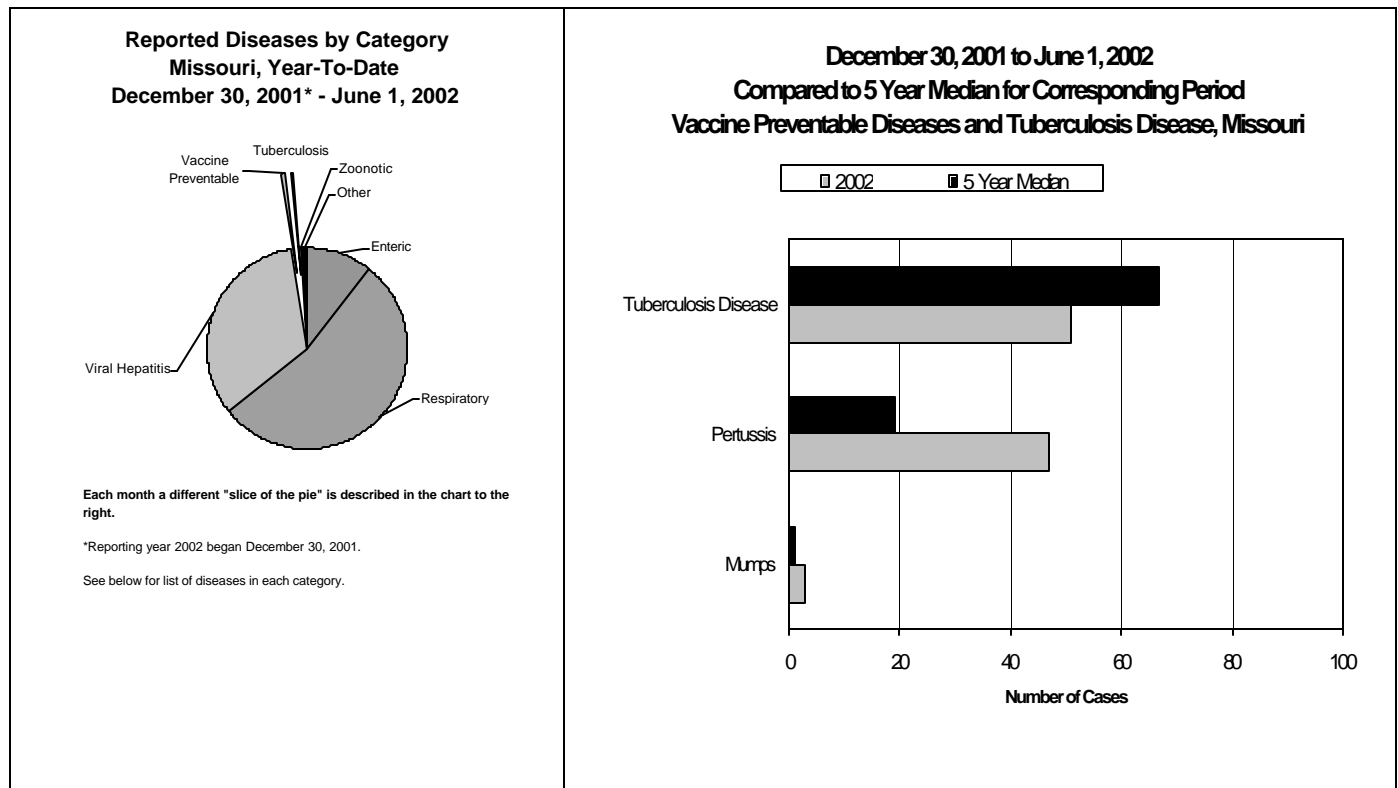
DATE: June 17, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at www.dhss.state.mo.us under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

Monthly Communicable Disease Update, May, 2002 (Provisional Data)



Reported Cases of Selected Diseases by Category

	2002 May	2002 YTD	2001 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, May 2002 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	60	197	171	177	+	11.30%	6	24	1	7	10	12
Cryptosporidiosis	5	16	12	6	+	166.67%	0	1	0	1	0	3
E. coli O157:H7 #	2	15	9	9	+	66.67%	0	0	0	0	0	2
Giardiasis	44	189	265	236	-	19.92%	5	22	3	4	4	6
Listeria monocytogenes	2	3	3	3	-	0.00%	0	1	0	1	0	0
Salmonellosis	77	310	159	208	+	49.04%	10	37	3	8	11	8
Shigellosis	11	54	117	117	-	53.85%	0	9	1	1	0	0
Yersinia enterocolitica	2	8	8	7	+	14.29%	0	1	0	0	1	0
Respiratory												
Influenza (Lab Confirmed)	147	4072	1844	1073	+	279.50%	12	37	2	92	3	1
Legionellosis	0	6	8	8	-	25.00%	0	0	0	0	0	0
Viral Hepatitis												
Hepatitis A	9	35	31	181	-	80.66%	0	2	0	0	3	4
Hepatitis B	8	54	54	67	-	19.40%	1	0	0	1	1	5
Hepatitis C (Acute)*	1	6	1	na	na	na	0	0	0	0	0	1
Hepatitis C (Other)*	670	2431	4152	na	na	na	80	236	8	147	88	111
Vaccine Preventable												
Mumps	0	3	0	1	+	200.00%	0	0	0	0	0	0
Pertussis	7	47	40	19	+	147.37%	0	2	0	0	4	1
Tuberculosis												
Tuberculosis Disease	26	51	50	67	-	23.88%	3	8	1	4	1	9
Zoonotic												
Ehrlichiosis	6	8	9	1	+	700.00%	0	2	1	1	1	1
Lyme Disease	7	10	9	9	+	11.11%	1	4	0	0	0	2
Rocky Mtn Spotted Fever	7	18	15	3	+	500.00%	1	0	0	0	0	6
Tularemia	2	4	1	1	+	300.00%	0	0	0	0	1	1
Other												
HIB Disease	2	5	11	8	-	37.50%	0	0	0	0	0	2
Malaria	2	8	4	4	+	100.00%	1	1	0	0	0	0
Meningococcal Disease	4	29	28	45	-	35.56%	1	2	0	0	0	1

*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

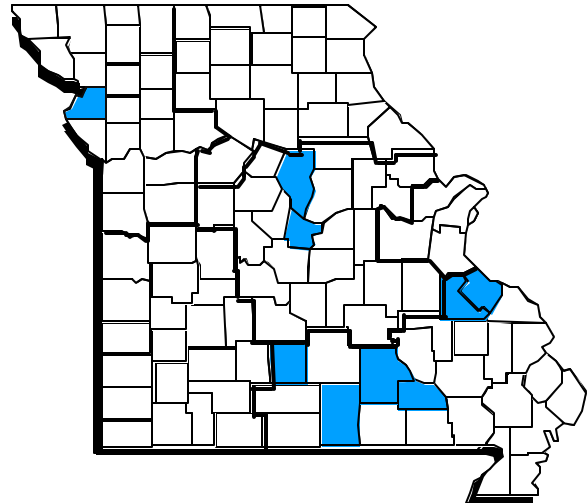
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Monthly Communicable Disease Update, May, 2002 (Provisional Data)

Confirmed Rabies in Animals

Species	May		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	65	0	263	0
Cat	76	0	230	0
Bat	64	3	129	4
Skunk	7	4	23	10
Fox	3	0	6	0
Cow	3	1	11	1
Horse	3	0	7	0
Ferret	1	0	4	0
Raccoon	14	0	52	0
Rodent/Rabbit	19	0	43	0
Other Domestic	0	0	1	0
Other Wild	2	0	15	0
Exotic	0	0	0	0
Unknown	0	0	1	0
Total	257	8	785	15

Confirmed Animal Rabies in Missouri
By Health District
December 30, 2001 - June 1, 2002



Counties Under Rabies Alert: Howell and Shannon

Active Surveillance System

Local health agencies have established surveillance sites that report clinical syndromes and demographic information. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Implementation of the High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS). The Office of Surveillance runs a daily flagging report to detect aberrations in the data. The Office of Surveillance also provides a weekly feedback report to participating sites. If you would like to become a HASS site, please contact your local health agency.

2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025